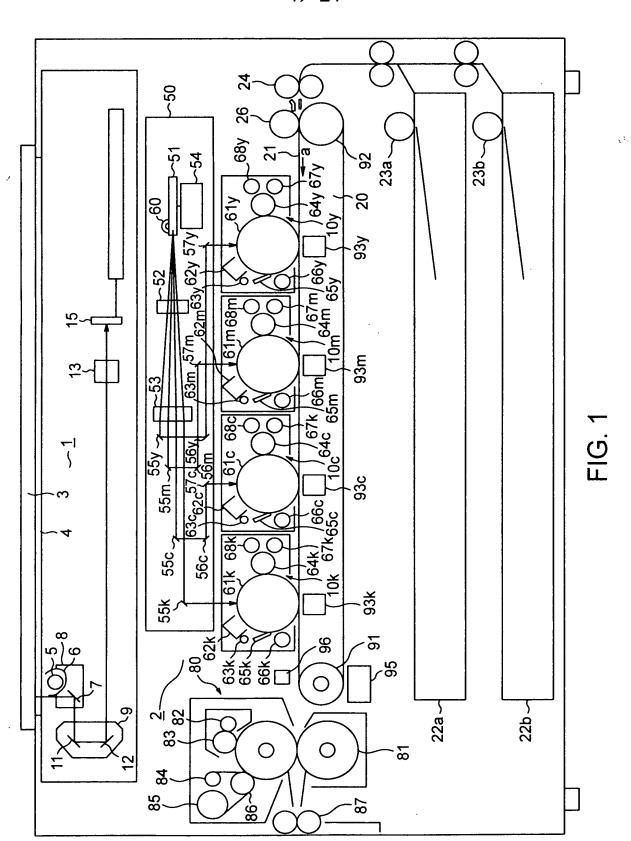


Inventor(s): Eiichi SAKAUE et al. DOCKET NO.: 016887/1029



Title: IMAGE PROCESSING APPARATUS AND IMAGE PROCESSING SYSTEM Inventor(s): Eiichi SAKAUE et al.

DOCKET NO.: 016887/1029

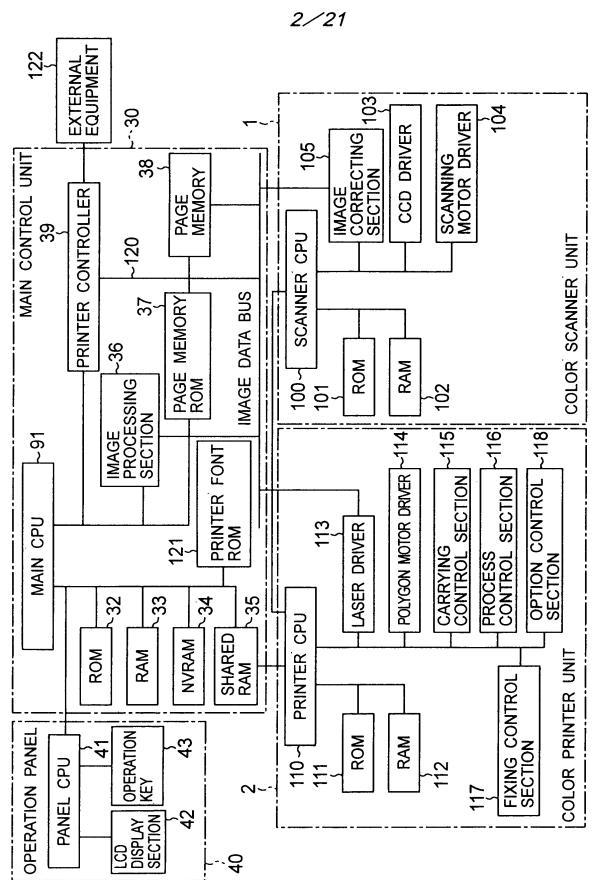


FIG. 2



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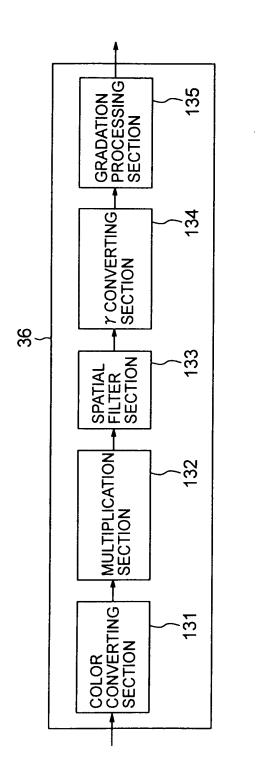
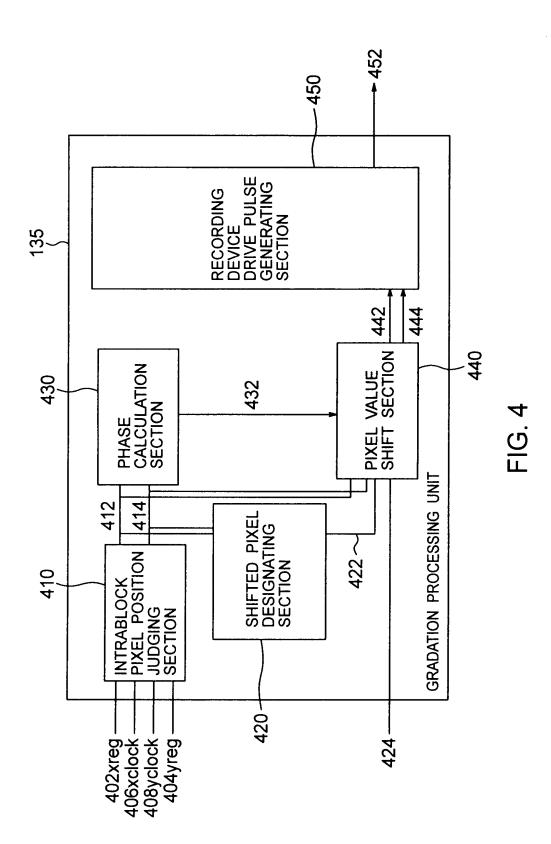


FIG. (

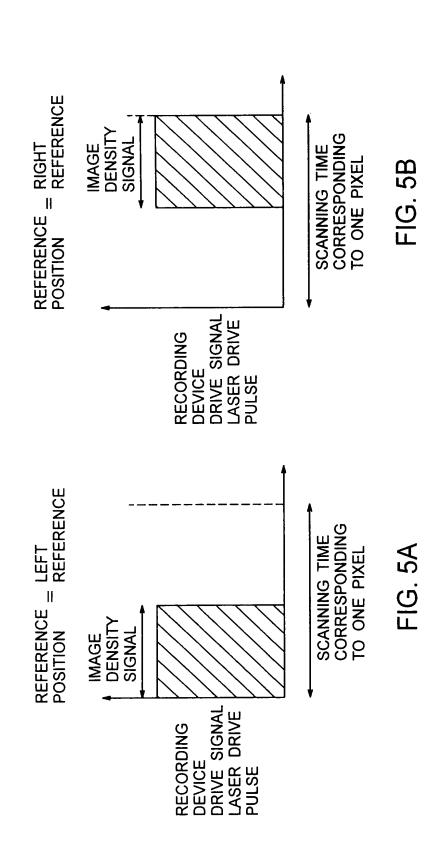


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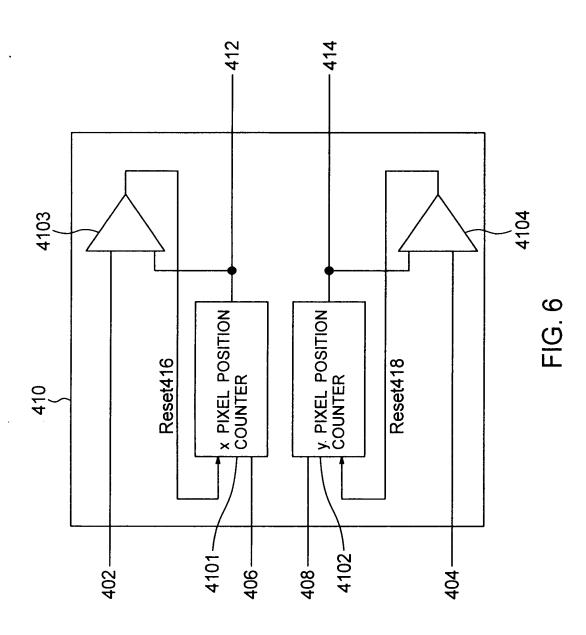


Title: IMAGE PROCESSING APPARATUS AND IMAGE PROCESSING SYSTEM
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Inventor(s): Eiichi SAKAUE et al. DOCKET NO.: 016887/1029

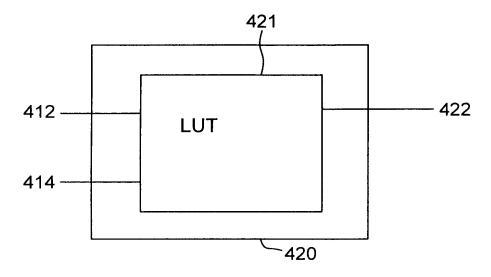


FIG. 7

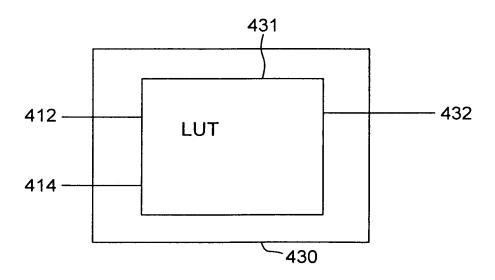


FIG. 8

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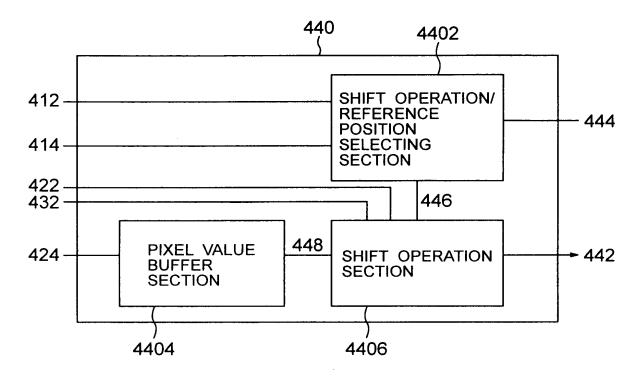


FIG. 9

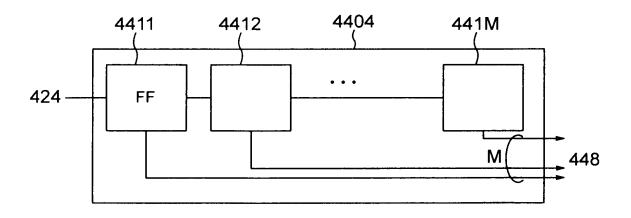
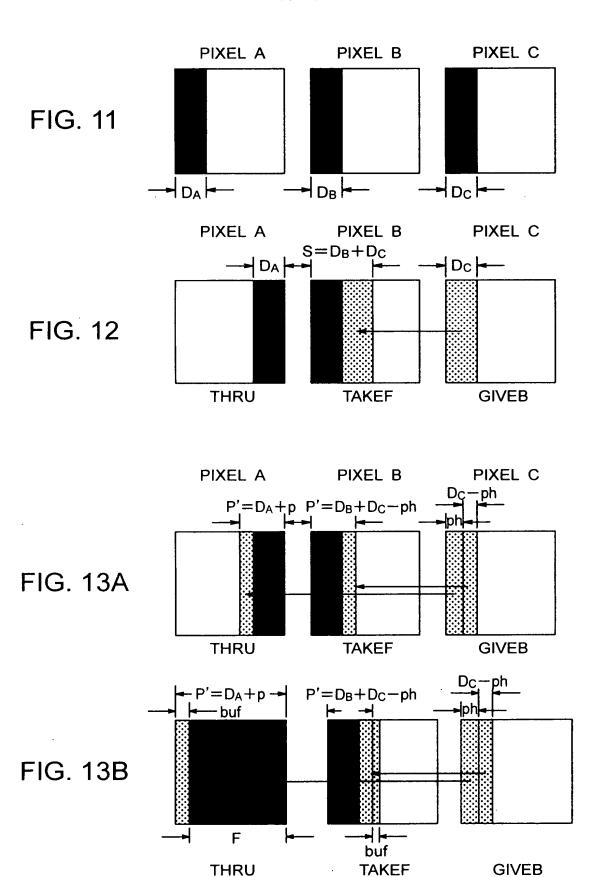


FIG. 10



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OPERATION NAME	PIXEL VALUE OF PIXEL TO BE PROCESSED	WRITE SHIFT BUFFER VALUE	CONDITION
THRU	0	Д	Ph≥0 & Pf1+Pf2+P≥xff×2
	Pf1+Pf2+P-xff×2	xff×2-Pf1+Pf2	Ph≥0 & Pf1+Pf2+P <xff×2< td=""></xff×2<>
	P+Ph	Ph	Ph<0 & Pf1+Pf2≧-Ph
<u> </u>	5+P1+P2	-Ph-(Pf1+Pf2)	Ph<0 & Pf1+Pf2 <ph< td=""></ph<>
TAKEF	xff	P+Pf+Pbuf-xff	P+Pf+Pbuf≧xff
	P+Pf+Pbuf	0	P+Pf+Pbuf <xff< td=""></xff<>
GIVEB	Pbuf	0	

OPERATION NAME	PIXEL VALUE OF PIXEL TO BE PROCESSED	WRITE SHIFT BUFFER VALUE	CONDITION
THRU	Ь	0	Ph≥0 & Pf1+Pf2+P≥xff×2
TAKEF	xff	P+Pf-xff	p+Pf≧xff
	P+Pf	0	P+Pf <xff< td=""></xff<>
GIVEB	Pbuf	0	

FIG. 17



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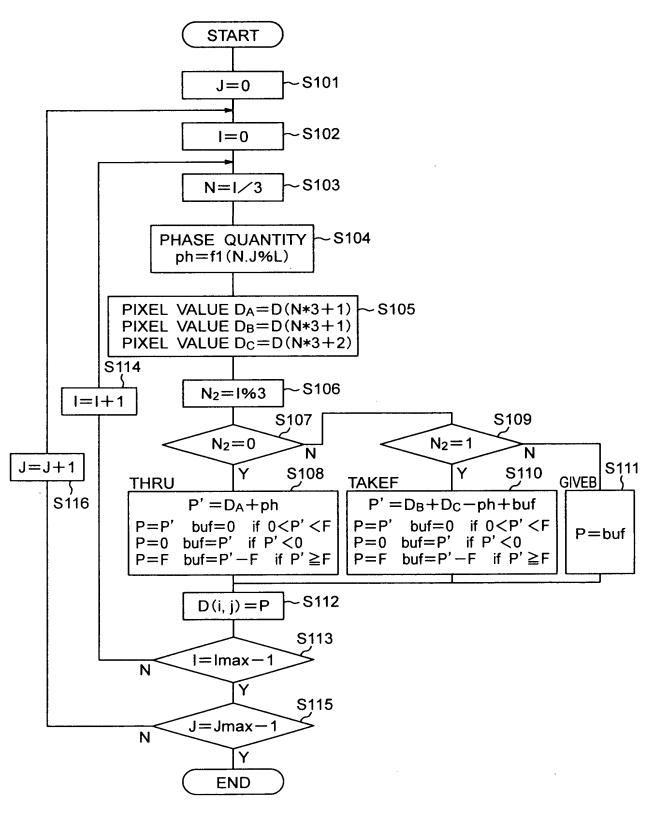


FIG. 15



Inventor(s): Eiichi SAKAUE et al. DOCKET NO.: 016887/1029

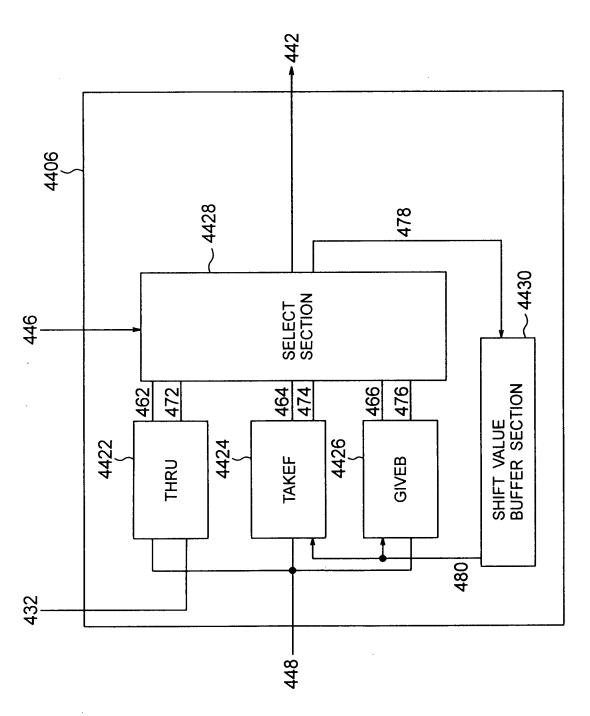


FIG. 16

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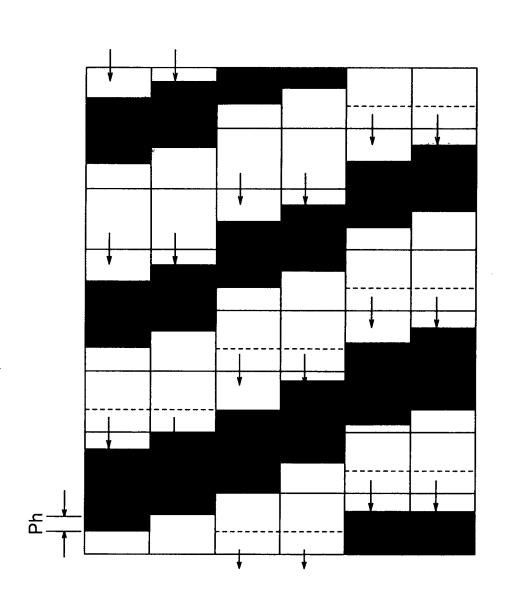


FIG. 18

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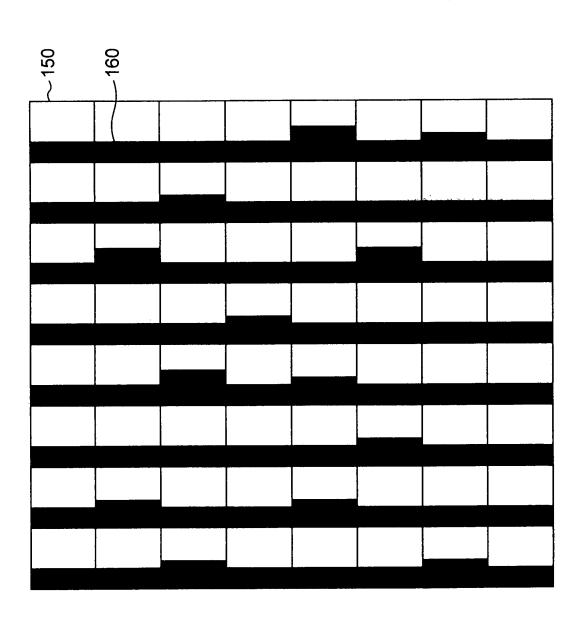


FIG. 19

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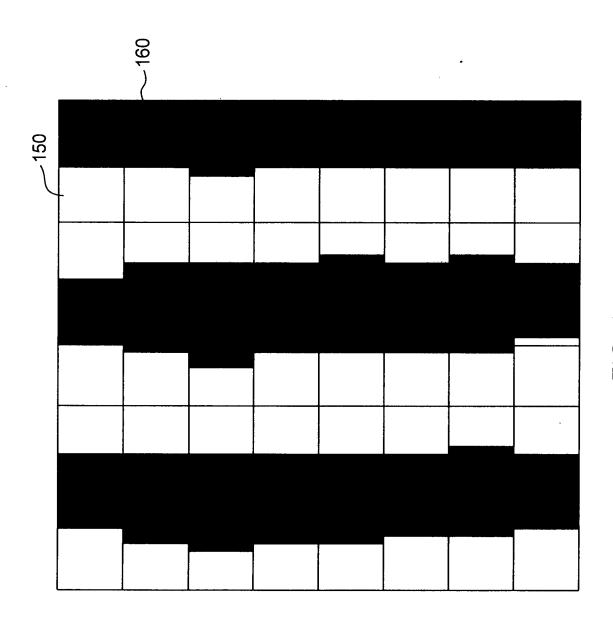
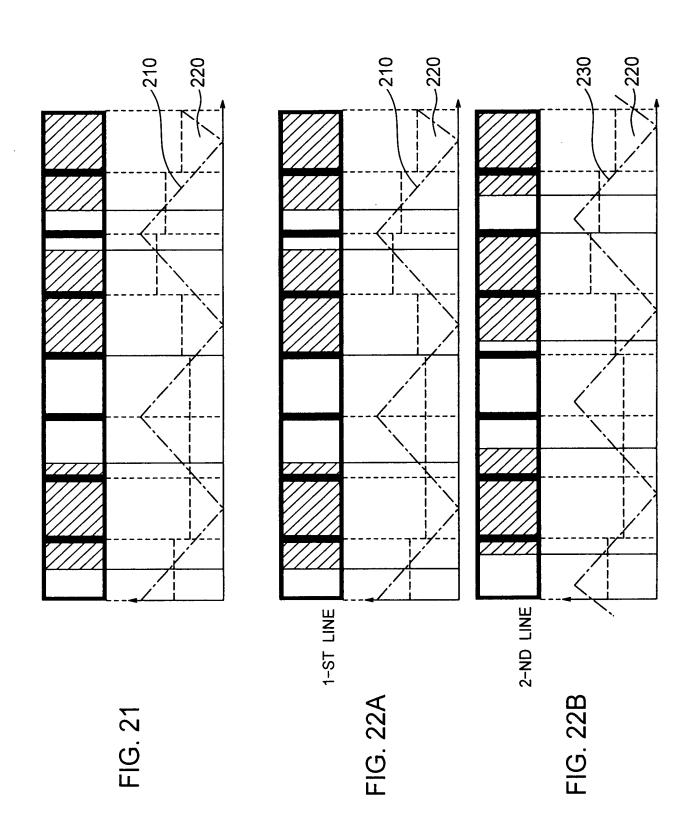


FIG. 20

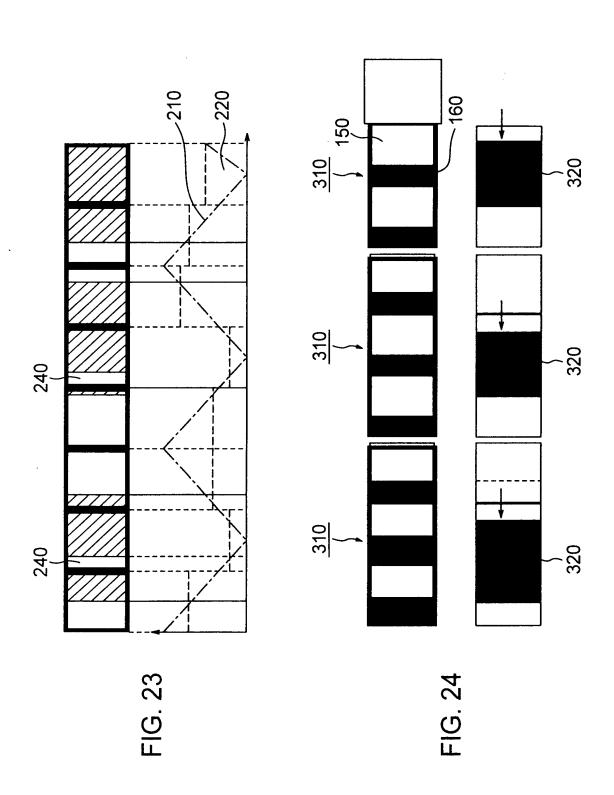
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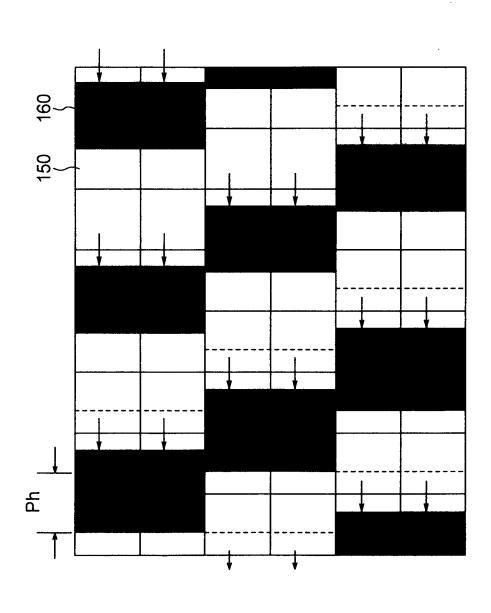
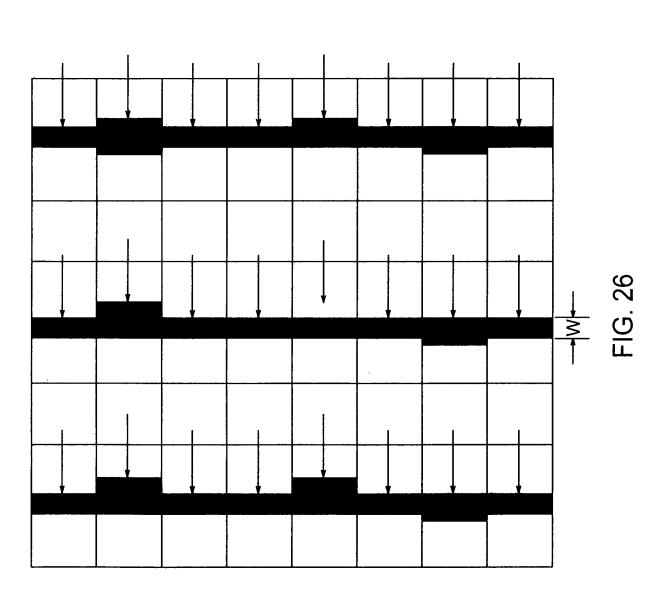


FIG. 25

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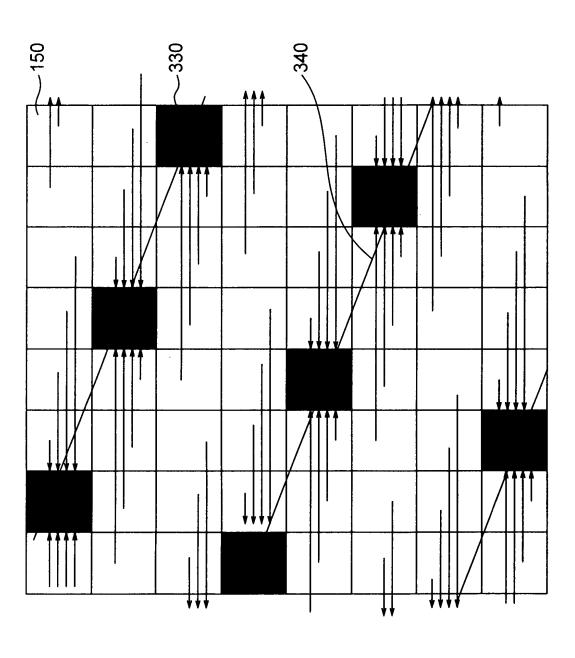


FIG. 27

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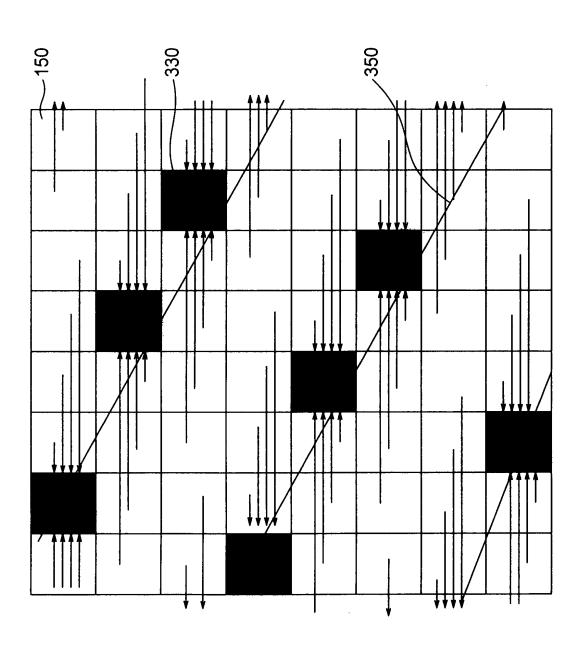


FIG. 28